

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	108	29/846,852.ccls. and porous	USPAT	OR	ON	2007/04/20 06:52
S2	2	29/846,852.ccls. and (porous same photosensitive)	USPAT	OR	ON	2006/02/27 07:58
S3	16	29/846,852.ccls. and porous and photosensitive	USPAT	OR	ON	2006/09/11 12:52
S4	853	29/852.ccls.	USPAT	OR	ON	2006/02/27 13:08
S5	1	"6651321".pn.	USPAT	OR	ON	2006/02/28 09:45
S6	25	("5133495"   "5148265"   "5148266"   "5203076"   "5232532"   "5346861"   "5431328"   "5518964"   "5578527"   "5659952"   "5706174"   "5766987"   "5776796"   "5798286"   "5801446"   "5834339"   "5843251"   "5861678"   "5885849"   "5915752"   "5989936"   "6189208"   "6324754"   "6460245").PN. OR ("6651321").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/27 13:08
S7	74	("4157932"   "4554033"   "4612083"   "4640981"   "4680226"   "4749120"   "4818728"   "4868979"   "4917466"   "4967314"   "5074947"   "5084961"   "5086558"   "5136365"   "5147210"   "5196371"   "5237130"   "5296063"   "5298279"   "5318651"   "5329423"   "5341564"   "5363277"   "5384952"   "5477419"   "5543585"   "5545281"   "5611140"   "5637176"   "5667884"   "5674780"   "5686702"   "5714252"   "5747101"   "5840417"   "5843251"   "5861678"   "5863970"   "5879761"   "5918364"   "5925930"   "5975408"   "6027575").PN. OR ("6189208").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/27 13:09
S8	19	("5564617"   "5671530"   "5719438"   "5723369"   "5760478"   "5798567"   "5801072"   "5977640"   "6084308"   "6098278"   "6150724"   "6189208"   "6190940"   "6201301"   "6271598"   "6365963"   "6369448"   "6489686"   "6492726").PN. OR ("7002254").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/27 13:10

## EAST Search History

S9	39	("5133495"   "5148265"   "5148266"   "5203076"   "5258330"   "5274913"   "5346861"   "5431328"   "5489804"   "5518964"   "5539153"   "5578527"   "5628111"   "5650914"   "5659952"   "5663106"   "5706174"   "5728599"   "5760337"   "5766987"   "5767010"   "5776796"   "5798286"   "5801446"   "5834339"   "5843251"   "5861678"   "5880017"   "5885849"   "5915752"   "5989936"   "6030889"   "6096574"   "6189208"   "6200143"   "6245583"   "6251766"   "6279227"   "6324754"). PN. OR ("6750539").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/27 13:23
S10	366	(chang-r\$.xa. or chang-r\$.xp.) and "29"/\$.ccls.	USPAT	OR	ON	2006/02/27 13:23
S11	9	("5817404"   "5837155"   "5888627"   "6127633"   "6217988"   "6320140"   "6329610"   "6691409"   "6703565"). PN. OR ("6799369").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/27 13:26
S12	32	("4530152"   "5200362"   "5273938"   "5355283"   "5474958"   "5620928"   "5729437"   "5937512"   "5977613"). PN. OR ("6247229").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/27 13:36
S13	123	('4530152'   "4635356").PN. OR ("5200362").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/27 13:39
S14	7	("4980217"   "5010232"   "5346750"   "5688408"   "6207259"   "6224965"   "6459046").PN. OR ("6996902").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 06:59
S15	120	("4383363"   "4857381"   "4895756"   "5035939"   "5047283"   "5049435"   "5117069").PN. OR ("5346750").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 07:01
S16	11	("4649070"   "5114543"   "5252383"   "5346750"   "5635301"   "5725706"   "6014929"   "6197407"   "6359235"   "6406777"   "6429114").PN. OR ("6946205").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 07:03

## EAST Search History

S17	41	("3264402"   "4372804"   "4383363"   "4648179"   "4678963"   "4865888"   "5046238"   "5326966"   "5346750"   "5359259"   "5374469"   "5407511"   "5440075"   "5478972"   "5480503"   "5481795"   "5484647"   "5498467"   "5576519"   "5595943"   "5652042"   "5707925"   "5719354"   "5744758"   "5860818"   "5914358"   "5937725"   "5950306"   "5956843"   "6051918"   "6137054"   "6143116"   "6197407"   "6224965"   "6242079"   "6329610"   "6353189"   "6365843").PN. OR ("6703565").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 07:08
S18	47	("2692190"   "2969300"   "4751126"   "4869767"   "4889584"   "4912020"   "5309629"   "5744758"   "5746868"   "5817404"   "5848466"   "5925930").PN. OR ("6143116").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 07:11
S19	46	(hiraoka-toshiro.in. or endo-mitsuyoshi.in. or yamaguchi-naoko.in. or matake-shigeru.in. or sawanobori-misa.in.)	USPAT	OR	ON	2007/04/20 07:01
S20	4	("4585319"   "4588617"   "4897326"   "6524758").PN. OR ("6977130").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 09:47
S21	14	("3436819"   "4170819"   "4318954"   "4610756"   "4638116"   "4661654"   "4893216"   "5083188"   "5098533"   "5117277"   "5126819"   "5200579").PN. OR ("5713127").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 12:15
S22	2	US-5517748-\$ DID. OR US-6045653-\$ DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 12:16
S23	9	(US "3770529" A US "5346750" A US "5347712" A US "5478700" A US "5634268" A US "5848466" A US "6030889" A US "6084781" A US "6192581" B1 US "6195882" B1 US "6522555" B2 US "6703565" B1 US "6748652" B2 US "6799369" B2 US "6906423" B1 US "6946205" B2).pn. and porous	USPAT	OR	ON	2006/09/11 12:47
S24	50	("3319317"   "4076575"   "4511757"   "4642160"   "4657778"   "4668332"   "4729061"   "4896464"   "4915983"   "4935584"   "4980270"   "5106784"   "5108553"   "5170245").PN. OR ("5347712").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 12:52
S25	114	29/846,852.ccls. and porous\$	USPAT	OR	ON	2006/09/11 13:52

## EAST Search History

S26	1	("6,703,565").PN.	USPAT	OR	OFF	2006/09/11 13:52
S27	1	"6,703,565".pn. and laser	USPAT	OR	ON	2006/09/12 05:49
S28	7	29/846.ccls. and (melt\$ same photosensitive)	USPAT	OR	ON	2006/09/12 05:55
S29	7	29/852.ccls. and (melt\$ same photosensitive)	USPAT	OR	ON	2006/09/12 05:57
S30	17	"29"/\$.ccls. and (melt\$ same photosensitive) not (S28 or S29)	USPAT	OR	ON	2006/09/12 05:57
S31	6	(porous and photosensitive and irradiat\$ and pore).clm.	US-PGPUB	OR	ON	2007/04/20 06:53
S32	10	(hiraoka-toshiro.in. or endo-mitsuyoshi.in. or yamaguchi-naoko.in. or matake-shigeru.in. or sawanobori-misa.in.) and photosensitive and latent	USPAT	OR	ON	2007/04/20 07:10
S33	5	(hiraoka-toshiro.in. or endo-mitsuyoshi.in. or yamaguchi-naoko.in. or matake-shigeru.in. or sawanobori-misa.in.) and photosensitive and latent and adhesive	USPAT	OR	ON	2007/04/20 07:26
S34	0	"6465742".pn. and photosensitive and latent and adhesive and pore and (energy with beam) and (produc\$ or eliminat\$) and (absorb with conductive) and electroless and cur\$	USPAT	OR	ON	2007/04/20 07:28
S35	0	"6465742".pn. and photosensitive and latent and adhesive and pore and (energy with beam) and (produc\$ or eliminat\$) and (absorb\$ with conductive) and electroless and cur\$	USPAT	OR	ON	2007/04/20 07:28
S36	0	"6465742".pn. and photosensitive and latent and adhesive and pore and (energy with beam) and (produc\$ or eliminat\$) and (absorb\$ same conductive) and electroless and cur\$	USPAT	OR	ON	2007/04/20 07:28
S37	0	"6465742".pn. and photosensitive and latent and adhesive and pore and (energy with beam) and eliminat\$ and (absorb\$ same conductive) and electroless and cur\$	USPAT	OR	ON	2007/04/20 07:29
S38	0	"6465742".pn. and photosensitive and latent and adhesive and pore and (energy with beam) and eliminat\$ and (absorb\$ same conductive) and electroless	USPAT	OR	ON	2007/04/20 07:32

## EAST Search History

S39	1	"6465742".pn. and photosensitive and latent and adhesive and pore and (energy with beam)	USPAT	OR	ON	2007/04/20 07:30
S40	0	"6465742".pn. and photosensitive and (latent adj image) and adhesive and (ion with exchange) and (energy with beam)	USPAT	OR	ON	2007/04/20 07:31
S41	0	"6465742".pn. and photosensitive and (latent adj image) and adhesive and ion and (energy with beam)	USPAT	OR	ON	2007/04/20 07:31
S42	0	"6465742".pn. and photosensitive and (latent adj image) and adhesive and exchang\$ and (energy with beam)	USPAT	OR	ON	2007/04/20 07:31
S43	1	"6465742".pn. and photosensitive and latent and adhesive and (energy with beam) and eliminat\$ and electroless	USPAT	OR	ON	2007/04/20 07:38
S44	1	"6465742".pn. and photosensitive and latent and adhesive and (energy with beam) and eliminat\$ and electroless and cur\$	USPAT	OR	ON	2007/04/20 07:41
S45	0	"6465742".pn. and (precursor same plating)	USPAT	OR	ON	2007/04/20 07:42
S46	1	"6465742".pn. and plating	USPAT	OR	ON	2007/04/20 07:44
S47	0	"6465742".pn. and ion	USPAT	OR	ON	2007/04/20 07:45
S48	1	"6899999".pn. and ion	USPAT	OR	ON	2007/04/20 07:45